

AMENDMENTS TO THE CLAIMS

1. (Original) A method comprising:
establishing a node as a nominal root node, the nominal root node being a node with a right to transmit a packet on a bus; and dynamically changing the nominal root node responsive to a change in right to transmit on the bus.
2. (Original) An apparatus comprising:
a first port; and
a physical layer (PHY) coupled to the first port that encodes a last packet of a subaction for transmission on a serial bus, the PHY arbitrating a next access to the serial bus and attaching a grant token to the last packet of the subaction to be transmitted out a highest priority port.
3. (Original) A system comprising:
a full duplex serial bus; and
a plurality of nodes coupled together in a tree topology by the serial bus wherein a node transmitting a current packet is a nominal root node of the tree topology and wherein each other node repeatedly transmits current arbitration information toward the nominal root node.